

ELECTROCHROMIC WINDOWS AND METHOD  
OF MAKING THE SAME

ABSTRACT OF THE DISCLOSURE

An electrochromic window assembly is disclosed that includes a first substrate and a second substrate that is maintained in a parallel and spaced relation from the first substrate by means of a window frame and spacer. The window assembly further includes an electrochromic device mounted within the airtight chamber formed between the first and second substrates. Electrochromic device 22 may be mounted so as to provide an air chamber between first substrate 12, which is the external substrate, and electrochromic device 22. At least one of the chambers formed between substrates 12 and 14 and electrochromic device 22 may be filled with an insulating gas such as argon. Also disclosed are novel methods for manufacture of an electrochromic device for incorporation into such a window assembly. A novel electrochromic device is also disclosed having electrical bus clips secured about the entire periphery of the electrochromic device. Also disclosed is the use of steel bus clips for the electrochromic device.